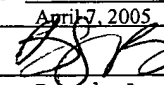




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Brendy L. Belony

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor :Toshiya ISHII, et al.
Filed :August 1, 2003
For :LIQUID CRYSTAL DISPLAY DEVICE
Serial Number :10/633,219

April 7, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the non-US documents (if any) listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

For documents written in a language other than English, English language abstracts and/or explanations are annexed thereto explaining relevancy in accordance with 37 CFR §1.98 (a)(3).

Also attached is a Chinese Office Action dated February 18, 2005, from the corresponding Chinese Application.

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to

allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

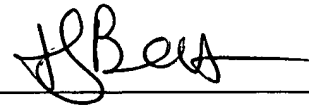
As this statement is being filed after the issuance of a Notice of Allowance but before payment of the Issue Fee, please charge a fee of \$180.00 to Deposit Account 50-1290, in accordance with 37 CFR §§1.97(d) and 1.17(p) along with a statement in compliance with 37 CFR §1.97(e).

Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the information disclosure statement

Any fee due with this statement may be charged to Deposit Account 50-1290.

Early and favorable consideration is respectfully solicited.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'TJ Bean', is written over a horizontal line.

Thomas J. Bean
Reg. No. 44,528

Customer Number: 026304
Docket No.: NECE 20.554

Please type a plus sign (+) → + Patent and Trademark Office

U.S. DEPARTMENT OF COMMERCE

1449/PTO

U.S. Department of Commerce
Patent and Trademark Office

Application No. : 10/633,219

Filing Date : August 1, 2003

First Named Inventor : T. ISHII

Group Art Unit :

Examiner Name :

Attorney Docket No. : NECE 20.554

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		6,195,140		KUBO ET AL.	02-27-2001	Corresponds to CN Application 1209565
		2002/0039166		SONG	04-04-2002	Corresponds to CN Application 1354383
		6,384,889		MIYACHI ET AL.	05-07-2002	

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		1209565	CN	SHARP KK	03-03-1999	Corresponds to US Application 6,195,140
		1354383	CN	SAMSUNG ELECTRONICS CO LTD	06-19-2002	Corresponds to US Application 2002/0039166
		2000-250056	JP	SEIKO EPSON CORP	09-14-2000	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		Chinese Office Action dated February 18, 2005	

Examiner
SignatureDate
Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.